

539,147

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
8 July 2004 (08.07.2004)

PCT

(10) International Publication Number  
**WO 2004/056647 A1**

(51) International Patent Classification?: **B62M 1/04**

(21) International Application Number:  
PCT/IT2003/000815

(22) International Filing Date:  
15 December 2003 (15.12.2003)

(25) Filing Language: Italian

(26) Publication Language: English

(30) Priority Data:  
MI2002A002702  
20 December 2002 (20.12.2002) IT

(71) Applicant and

(72) Inventor: BAUCE, Giovanni, Battista [IT/IT]; Via Pastrengo, 10, I-20039 Varedo (IT).

(74) Agent: PONZELLINI, Gianmarco; c/o Bugnion S.P.A., Viale Lancetti, 17, I-20158 Milano (IT).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

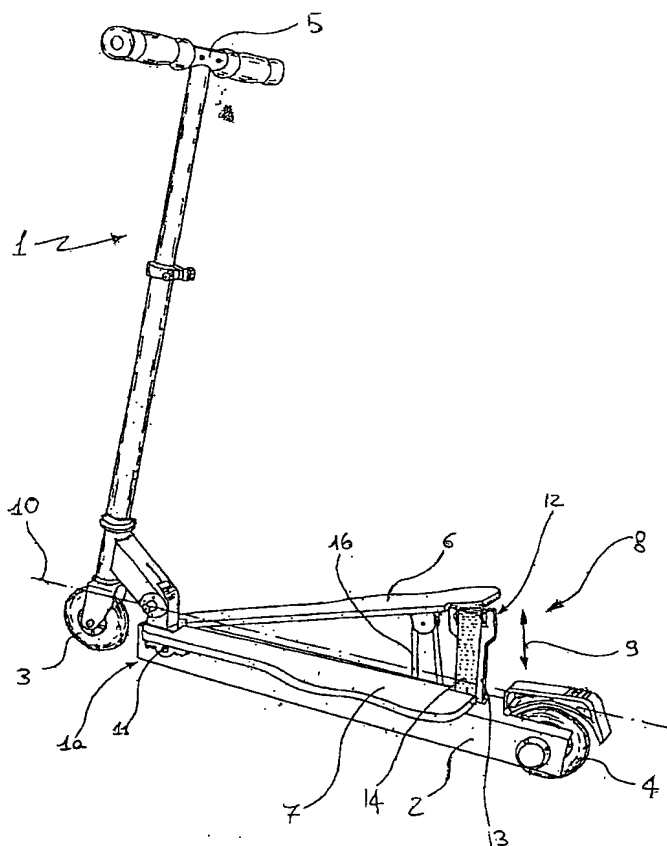
(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: VEHICLE IN PARTICULAR SCOOTER



(57) Abstract: It is disclosed a vehicle and in particular a scooter in which there is present a first and a second elements separated from each other and movable relative to a base frame, said elements defining respective actuating surfaces disposed substantially in side by side relationship with each other with respect to a longitudinal extension axis of the vehicle; an alternated operation of the first and second movable elements (6, 7) allows a motion-transmitting unit (8) to convert the reciprocating motion into a rotatory motion imparted to one of the scooter wheels thereby causing advancing of the vehicle. The particular positioning and configuration of the movable elements (6, 7) allows a steady and efficient use of the scooter.

WO 2004/056647 A1



---

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*